MENT BOOK

Dimensions			Contents	Reference to last Measureme
ength 4	Breadth 5	Depth 6	7	8

First and Final Bill

M. A. R. 57 (Rule 116)
Measurement Book

No. B 354119

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
	Number 3	Length 4	Breadth 5	Depth 6		
Name of work: Constn of RCC drains in pillegowda Layout m/R to Vidyaranyapura m/R is WN.10. Est cost: 50.00L Job code: 010-18-000060 IN-32225 W/o NO: BBMP/EE/BTP/WO/220/2018-19 Dt: 30/01/2019. Name of Agency: R. Ranganath. NO 181C, Indira Nilaya NTI 1st stage, AMCO layout m/R Kodigehalli. Bangalore - 560076.						
Item No:01: EWE by manual means in ordinary soil in volving an avg thro up to 2mts & an average lift upto 0.50m excavated						

W-1D

3542

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measuremer
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	surface levelled & sides neatly dressed etc. Qty as per premeasurements of MB 3542 ~~of~~ on pg nos 354178 to 354180. —— 616.05 cum @ Rs 180/- = 110889.00						
	Item NO:02 Providing & laying in PCC of mix 1:4:8 with OPC cement at 180 kgs with 40mm & down size graded granite metal CA @ 0.85cum & FA 0.57 cum etc. Qty as per premeasurements of this MB vide recorded in pg 354180 to 351481 — 88.80 cum @ Rs 5000/- = 444000.00						
	Item NO:03: Providing & laying CC using 20mm & down size granite jelly of RMC for RCC works laid in 15cms thick & well compacted vibrating curing finishing with necessary cm etc RMC M20 (1:1.5:3) for ~~for~~ ~~ground~~ etc						

Full description, etc, of work

2

Drain Bottom concre
Manjappa layout 9th A
-1.- W/
5th A C/S W/S
1st A C/S W/S
1st A C/S E/S
2nd C/S W/
E/

UREMENT BOOK

ber	Dimensions: Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	dressed etc.				
of	MB 3542			pg nos 354178 to	
m	@ Rs 180/-			= 110889.00	
cc	of mix 1:4:8 with OPC cement &				
	graded granite metal CA @ 0.85cum				
of	this MB			vide recorded in pg	
cum	@ Rs 5000/-			= 444000.00	
ying	20mm & down size granite jelly				
	thick & well compacted vibrating				
m	etc RMC M20 (1:1.5:3) for foundation etc				

M. A. R. 57 (Rule 116)
Measurement Book

No. B

354120

Name of Work .....

Name of Contractor of nature of Agency ..... From..... To.....

Date of commencement of work .....

Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
Drain Bottom concrete						
Nanjappa layout 9th A C/S	1	x 18.90	x 0.90	x 0.15	= 2.55	
-"- W/S	1	x 17.90	x 0.90	x 0.15	= 2.42	
5th A C/S W/S	1	x 21.60	x 0.90	x 0.15	= 2.92	
1st A C/S W/S	1	x 30	x 0.90	x 0.15	= 4.05	
	1	x 17.20	x 0.90	x 0.15	= 2.32	
1st A C/S E/S	1	x 30	x 0.90	x 0.15	= 4.05	
	1	x 6.60	x 0.90	x 0.15	= 0.89	
2nd C/S W/S	1	x 23.70	x 0.90	x 0.15	= 3.20	
E/S	1	x 30	x 0.90	x 0.15	= 4.05	
					26.45	

CRF-1
15/06

W-177
3542

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	3rd cross W/S	1	15.50	0.90	0.15	2.09	
		1	19	0.90	0.15	2.52	
	— 11 — E/S	1	29	0.90	0.15	3.92	
		1	30	0.90	0.15	4.05	
	Mureshwara Temple b/s Road	1	8.10	0.90	0.15	1.09	
		1	30	0.90	0.15	4.05	
		1	30	0.90	0.15	4.05	
	Nanjappa lay 1st A m/ N/S	1	8.20	0.90	0.15	1.11	
		1	30	0.90	0.15	4.05	
		1	1.50	0.90	0.15	0.20	
		1	30	0.90	0.15	4.05	
		1	9	0.90	0.15	1.22	
		1	12.50	0.90	0.15	1.69	
						34.14	

C&FC
15/06

Full description, etc, of work	Numb
2	3
Nanjappa Layout 1st A S/S	1
	1
	1
	1
	1
	1
	1
Side wall	
Nanjappa Ly 9th A C&E/S	2
W/S	2

C&FC
15/06

EMENT BOOK

Dimensions			Contents	Reference to last Measurement
Length 4	Breadth 5	Depth 6	7	8
15.50 X	0.90 X	0.15 =	2.09	
19 X	0.90 X	0.15 =	2.52	
29 X	0.90 X	0.15 =	3.92	
30 X	0.90 X	0.15 =	4.05	
8.10 X	0.90 X	0.15 =	1.09	
30 X	0.90 X	0.15 =	4.05	
30 X	0.90 X	0.15 =	4.05	
8.20 X	0.90 X	0.15 =	1.11	
30 X	0.90 X	0.15 =	4.05	
50 X	0.90 X	0.15 =	0.20	
0 X	0.90 X	0.15 =	4.05	
1 X	0.90 X	0.15 =	1.22	
2.50 X	0.90 X	0.15 =	1.69	

34.14

M. A. R. 57 (Rule 116)
Measurement Book

No. B 354121

From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
	Number 3	Length 4	Breadth 5	Depth 6		
Hanjappa Layout 1st A S/S	1 X	9.10 X	0.90 X	0.15 =	1.23	
	1 X	25.40 X	0.90 X	0.15 =	3.43	
	1 X	18.20 X	0.90 X	0.15 =	2.46	
	1 X	19 X	0.90 X	0.15 =	2.57	
	1 X	15 X	0.90 X	0.15 =	2.03	
	1 X	30 X	0.90 X	0.15 =	4.05	
Side wall	1 X	28 X	0.90 X	0.15 =	3.78	
Hanjappa by 9th A Q E/S	2 X	18.90 X	0.15 X	0.60 =	3.40	
W/S	2 X	17.90 X	0.15 X	0.60 =	3.22	

26.17

30.12

354121

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	5th A Cross W/S	2 x	21.60 x	0.15 x	0.60 =	3.89	
	1st A Cross W/S	2 x	30.00 x	0.15 x	0.60 =	5.40	
		2 x	17.20 x	0.15 x	0.60 =	3.10	
	Naw — 1.— 1st A Cs E/S	2 x	30 x	0.15 x	0.60 =	5.40	
		2 x	6.60 x	0.15 x	0.60 =	1.19	
	2nd Cross W/S	2 x	23.70 x	0.15 x	0.60 =	4.27	
	E/S	2 x	30 x	0.15 x	0.60 =	5.40	
	3rd Cross W/S	2 x	15.50 x	0.15 x	0.60 =	2.79	
		2 x	19 x	0.15 x	0.60 =	3.42	
	— 1.— E/S	2 x	29 x	0.15 x	0.60 =	5.22	
		2 x	30 x	0.15 x	0.60 =	5.40	
		2 x	8.10 x	0.15 x	0.60 =	1.46	
						46.94	

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore

UREMENT BOOK

Dimensions				Contents	Reference to last Measurement
mber 3	Length 4	Breadth 5	Depth 6	7	8
2 x	21.60 x	0.15 x	0.60 =	3.89	
2 x	30.50 x	0.15 x	0.60 =	5.40	
2 x	17.20 x	0.15 x	0.60 =	3.10	
2 x	30 x	0.15 x	0.60 =	5.40	
2 x	6.60 x	0.15 x	0.60 =	1.19	
2 x	23.70 x	0.15 x	0.60 =	4.27	
2 x	30 x	0.15 x	0.60 =	5.40	
2 x	15.50 x	0.15 x	0.60 =	2.79	
- x	19 x	0.15 x	0.60 =	3.42	
x	29 x	0.15 x	0.60 =	5.22	
x	30 x	0.15 x	0.60 =	5.40	
x	8.10 x	0.15 x	0.60 =	1.46	

46.94

M. A. R. 57 (Rule 116)
Measurement Book

No. B

354122

From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
	Number 3	Length 4	Breadth 5	Depth 6		
Hirenkoara temple	2 x	30 x	0.15 x	0.60 =	5.40	
Hi Bilal road	2 x	30 x	0.15 x	0.60 =	5.40	
	2 x	8.20 x	0.15 x	0.60 =	1.48	
Hanjappa layout 1st A main	2 x	30 x	0.15 x	0.60 =	5.40	
	2 x	1.50 x	0.15 x	0.60 =	0.27	
	2 x	30 x	0.15 x	0.60 =	5.40	
	2 x	9 x	0.15 x	0.60 =	1.62	
	2 x	12.50 x	0.15 x	0.60 =	2.25	
	2 x	9.10 x	0.15 x	0.60 =	1.64	
	2 x	25.40 x	0.15 x	0.60 =	4.57	

33.43

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

W-17

3542

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurem
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Nanjappa layout 1st A main S/S	2 x	18.20 x	0.15 x	0.60 =	3.28	
		2 x	19 x	0.15 x	0.60 =	3.42	
	C&FC.	2 x	15 x	0.15 x	0.60 =	2.70	
		2 x	30 x	0.15 x	0.60 =	5.40	
	ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರವರ	2 x	28 x	0.15 x	0.60 =	5.04	19.89
	ISPL					186.92 cum	
	Limited to 186.48 cum @ Rs 6130/-					1143122/-	

Item No: 04: Providing TMT steel reinforcement for RCC work including straightening, cutting bending, hooking, placing in position lapping & or welding wherever required. Tying with binding wire and anchoring to the adjoining member etc.

Full description, etc, of work

2

Qty as per pre mea

Item No: 05: Providing
etc & removal of form
complete as per specificati

Qty as per pre m

Item No: 06: Providing
fixed in CM (1:6) inclu

EMENT BOOK

Dimensions			Contents	Reference to last Measurement
Length 4	Breadth 5	Depth 6	7	8
18·20	× 0·15	× 0·60 =	3·28	
19 ×	0·15 ×	0·60 =	3·42	
15 ×	0·15 ×	0·60 =	2·70	
30 ×	0·15 ×	0·60 =	5·40	
8 ×	0·15 ×	0·60 =	5·04	
			186·92 cum	19.89
RC	6130/-		1143122/-	

inforcement for RCC work including
ooking, placing in position lapping
ed, tieing with binding wire
f member etc.

M. A. R. 57 (Rule 116)
Measurement Book

No. B

354123

Name of Work .....
Name of Contractor of nature of Agency ..... From..... To.....
Date of commencement of work .....

Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
	Number 3	Length 4	Breadth 5	Depth 6		
Qty as per pre measurements of this MB vide pg NO 354181 to 354183						
— 11.19 T @ Rs 64000/-					716160.00/-	
Item NO:05: Providing & removing centering, shuttering, strutting propping etc & removal of form work for vertical surface such as walls etc.. complete as per specifications & Engineer in charge of work						
Qty as per pre measurements of this MB vide page NO: 354184 to 354185						
— 1420.80 Sqm @ Rs 300/-					426240/-	
Item NO:06: Providing granite slabs of selected quality roughly dressed & fixed in CM (1:6) including fixing curing etc. complete as per specifications						

354182

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	For covering slab						
	HMT m/R w/s Balam	1 x	30	x	1.5 =	45.00	
		1x	30	x	1.5 =	45.00	
		1x	30	x	1.5 =	45.00	
		1x	26	x	1.5 =	39.00	
	Nanjappa layout- 9th A cross						
	E/s	1 x	18.90	x	0.90 =	17.01	
	w/s	1x	17.90	x	0.90 =	16.11	
	5th A C/s w/s	1x	21.60	x	0.90 =	19.44	
	1st A C/s w/s	1x	30.00	x	0.90 =	27.00	
		1x	17.20	x	0.90 =	15.48	
	1st A Cross E/s	1x	30 x		0.90 =	27.00	
		1x	6.60 x		0.90 =	5.94	
						301.98	

M. A
M

Full description, etc, of work	Numbe
2	3
2nd Cross w/s	1
E/s	1
	1x
3rd Cross w/s	1x
	1x
E/s	1x
	1x
Nuneshwara temple	1x
N/S road	1x
	1x

REMENT BOOK

Dimensions			Contents	Refer to last Measure
Length 4	Breadth 5	Depth 6	7	8
30	X	1·5 =	45·00	
30	X	1·5 =	45·00	
30	X	1·5 =	45·00	
26	X	1·5 =	39·00	
8·90	X	0·90 =	17·01	
7·90	X	0·90 =	16·11	
1·60	X	0·90 =	19·44	
0·00	X	0·90 =	27·00	
7·20	X	0·90 =	15·48	
0 X		0·90 =	27·00	
60 X		0·90 =	5·94	
			301.98	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

354124

..... From..... To.....

...ter of nature of Agency .....

...rement of work .....

Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
	Number 3	Length 4	Breadth 5	Depth 6		
2nd cross W/S	1 X	23·70		X 0·90 =	21·33	
E/S	1 X	30·00		X 0·90 =	27·00	
	1 X	15·50		X 0·90 =	13·95	
3rd cross W/S	1 X	19		X 0·90 =	17·10	
	1 X	29		X 0·90 =	26·10	
E/S	1 X	30		X 0·90 =	27·00	
	1 X	8·10		X 0·90 =	7·29	
Munishwara temple	1 X	30		X 0·90 =	27·00	
W/S road	1 X	30		X 0·90 =	27·00	
	1 X	8·20		X 0·90 =	7·38	
					201.15	

3542 W.17

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		2X	26.00		0.90 =	46.80	
		2X	30		0.90 =	54.00	
		2X	10		0.90 =	18.00	
						334.80	
	Qty limited to 333 Sqm @				Rs 147.48 =	49111	
	Item No E4: Providing & fixing pre cast Solid CC Kerb stones made out of CC 1:2:4 with top & bottom width 114 & 165 mm respectively, 400 mm high & 450 mm in length finished with CM 1:3 plastering etc complete as per specification						
						30	
		1X	30			30	
		1X	30				

Assistant Executive E
Vidyaranyapura Sub
BBMP Bangalo
limited

Item No E5: Pro
concrete / mason

SUREMENT BOOK

Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Dimensions				
2X	26.00 X		0.90 =	46.80	
2X	30 X		0.90 =	54.00	
2X	10 X		0.90 =	18.00	
				334.80	
Sqm@		Rs 147.48=		49111	
& fixing precast Solid CC Kerb stones					
with top & bottom width 114& 165					
high & 450 mm in length finished					
etc complete as per specification					
1X	30			30	
1X	30			30	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 354130

..... From..... To.....

...ctor of nature of Agency .....

...cement of work .....

Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
	Number 3	Length 4	Breadth 5	Depth 6		
	1 X	30			30	
	1 X	30			30	
	1X	26			26	
	1X	30			30	
	1X	10			10	
					186 / 0.45	
					413 Nos	
Limited to	411 Nos @		Rs 423.74		174157	
Item No E5: Providing & applying Ready mix priming coat over						
smooth / masonary / asbestos cement sheet /					plastered surfaces	

Assistant Executive Engineer
Vijayanyapura Sub Division
BWSSB Bangalore-97

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	including preparing the surface after thoroughly cleaning of oil grease dirt etc. complete as per notification						
		1	X 30	X	0.45 =	13.50	
		1	X 30	X	0.45 =	13.50	
		1	X 30	X	0.45 =	13.50	
		1	X 30	X	0.45 =	13.50	
		1	X 26	X	0.45 =	11.70	
		1	X 30	X	0.45 =	13.50	
		1	X 10	X	0.45 =	4.50	
						83.70 Sqm	
	Qty limited to 83.25 Sqm @ Rs 38.43 =					3199/-	

MENT BOOK

Dimensions			Contents	Reference to last Measurement
ength 4	Breadth 5	Depth 6	7	8
e after thoroughly cleaning &				
s per notification				
50 X		0.45 =	13.50	
0 X		0.45 =	13.50	
0 X		0.45 =	13.50	
0 X		0.45 =	13.50	
6 X		0.45 =	~~13.70~~	
0 X		0.45 =	13.50	
0 X		0.45 =	4.50	
			83.70 Sqm	
@ Rs	38.43 =		3199/-	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 354131

..... From..... To.....

Contractor of nature of Agency .....

Name of work .....

Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
2	3	4	5	6	7	8
Item No: 0 E6 : Providing & applying Spray painting in two coats (excluding priming coat) over concrete / masonary / asbestors cement sheet / plastered surfaces etc complete as per specifications.						
Qty vide item No: E5					83.25 Sqm @ Rs 90.10	
					= 7501.00	
				Total =	4848207.00	

Certified that I have measured the work and found correct.

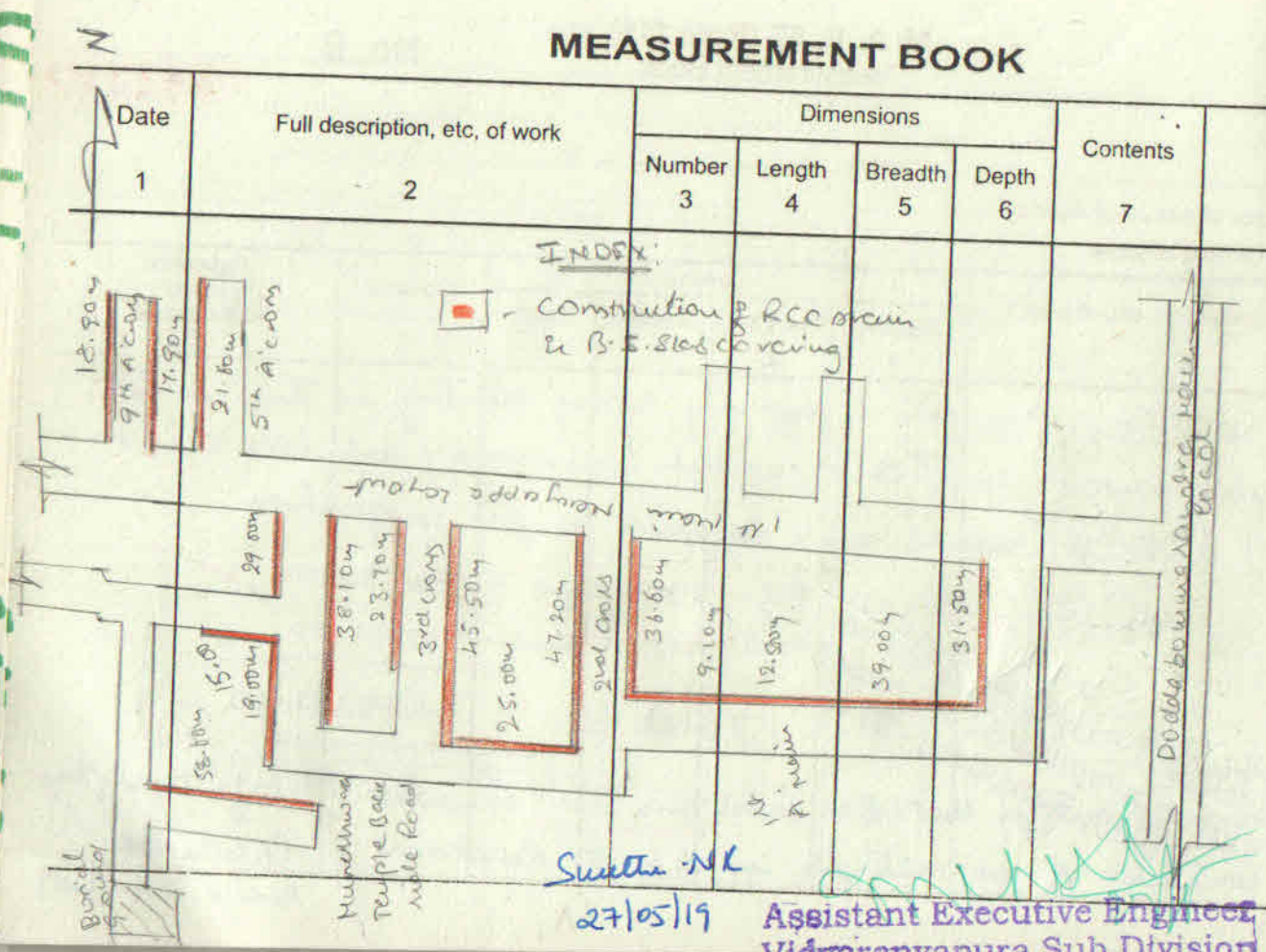
Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore-97

Certified that the work has been executed satisfactorily by the contractor & no materials issued by the department.

Suretha.N.K
AEE 10 27/05/2019

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



MENT BOOK

Dimensions			Contents	Reference to last Measurement
ength 4	Breadth 5	Depth 6	7	8
RCC drain covering				
1				
	39.00	31.50		

Assistant Executive Engineer
Vidyaranyapura Sub Division

M. A. R. 57 (Rule 116)
Measurement Book

No. B

354132

..... From..... To.....

Contractor of nature of Agency .....

Commencement of work .....

Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
2	3	4	5	6	7	8
N GEL Layout Main Road 176.00 m HMT Layout		INDEX: Raising & SS in drain and B.S. covering slab				Sangam circle Ramachandra DBGupta Circle Road

Sunitha.N.K
27/05/19

Assistant Executive Engineer
Vidyaranyapura Sub Divisio
BBMP, Bangalore - 97